José Álvarez Díaz
Miño-Sil River Basin District’s Planning Office, Spain

Water Governance in Transboundary River Basins:
Strategic cooperation and twinning among Water Authorities

OPORTO, 29 SEPTEMBER 2011
INDEX

1. OVERVIEW OF THE TRANSBOUNDARY RIVERS MIÑO AND LIMIA

2. MIÑO RIVER BASIN

3. LIMIA RIVER BASIN

4. CROSS-BORDER COOPERATION AND COORDINATION
9th International Conference
Water Governance in Transboundary River Basins: Strategic cooperation and twinning among Water Authorities

OVERVIEW: LOCATION
RIVER BASIN DISTRICT OF MIÑO-SIL IN SPAIN AND NORTH HRA IN PORTUGAL

OVERVIEW:

HRA ADMINISTRATIONS

- HRA-Miño-Sil (SPAIN)
- HRA-North (PORTUGAL)
- Other River Basins in Portugal
- Other River Basins in Spain

River Basins:
- Limia Spain
- Limia Portugal
- Miño Spain
- Miño Portugal

Hydrographic Region Administration (HRA)
MIÑO RIVER:

- The basin of the river Miño is shared by Spain (upstream country) and Portugal (downstream country).
- The river has its source in Spain and flows into the Atlantic Ocean.
- On its last 76 km, the Miño River represents the Spanish-Portuguese border (40 km transitional and coastal waters).
- The major transboundary tributary is Trancoso river

<table>
<thead>
<tr>
<th>Area</th>
<th>Country</th>
<th>Country’s share</th>
</tr>
</thead>
<tbody>
<tr>
<td>17,080 km²</td>
<td>Spain</td>
<td>16,230 km²</td>
</tr>
<tr>
<td></td>
<td>Portugal</td>
<td>850 km²</td>
</tr>
</tbody>
</table>
9th International Conference
Water Governance in Transboundary River Basins: Strategic cooperation and twinning among Water Authorities

TRANSBOUNDARY WATER BODIES

- Miño Estuary - 4 Sections
- Miño River (Section VIII)
- Frieira Reservoir
- Trancoso River

Atlantic Ocean
Northern Spain
Portugal

Coastal Bodies
Cerdeira da Barra
Cara
Louro River
Cabezas River
Miño River
Larino River
CBehindhia
Gadiana
Cea River
Loveiro River
Tereses River
Ourense
Miño River
Frieira Reservoir
Trancoso River
9th International Conference
Water Governance in Transboundary River Basins: Strategic cooperation and twinning among Water Authorities

MIÑO ESTUARY

PORTUGAL

SPAIN
TRANSBORDER WATERS MONITORING

Spain

- Water Quality Monitoring (SANCA)
- Operational Programmes
- Surveillance Monitoring Programmes
- Protected Areas monitoring

MIÑO RIVER BASIN

9th International Conference
Water Governance in Transboundary River Basins: Strategic cooperation and twinning among Water Authorities
LIMIA RIVER:

- The basin of the river Limia is shared by Spain (upstream country) and Portugal (downstream country).
- The river has its source in Spain at Lake Beon (975 m) and flows into Atlantic Ocean at the city of Viana do Castelo (Portugal).
- The last 67 km of the river pass through Portuguese territory.
- Major transboundary tributaries include: the rivers Laboreiro and Salas

<table>
<thead>
<tr>
<th>Basin of the Limia River</th>
<th>Area</th>
<th>Country</th>
<th>Country’s share</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,480 km²</td>
<td></td>
<td>Spain</td>
<td>1,300 km²</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Portugal</td>
<td>1,180 km²</td>
</tr>
</tbody>
</table>
INTERNATIONAL PART OF THE RIVER LIMIA
TRANSBORDER COOPERATION AND COORDINATION

TRANSBOUNDARY COOPERATION FRAMEWORK


The Albufeira Convention (1998) regulates the transboundary waters in the shared basins between Spain and Portugal.

COORDINATION OF RIVER BASIN MANAGEMENT PLANS (WORK IN PROGRESS):

- Improving monitoring networks in transboundary waters.
- Common proposal of two river nature reserves: Trancoso and Laboreiro rivers, tributaries of Miño and Limia Rivers respectively.
- The common development of a decision support system (DSS) for hydraulic resources planning.
- Transboundary workshops.

AIM: Integrated river basin management plan

“GESTIÓN RESPONSABLE DEL AGUA, PARA UN FUTURO SOSTENIBLE”

Ourense, 13 de diciembre de 2010

Plan Hidrológico de la parte española de la Demarcación Hidrográfica de las cuencas Miño-Sil y Limia (2010-2015).
• **CARISMA:** The main objective of the project is to develop actions to maintain and improve the excellent state of conservation of the transboundary rivers Trancoso and Laboreiro. Activities include: Water quality and quantity monitoring, improve water purification, recovery and conditioning of riversides and environmental education.
Transferencia de herramientas de evaluación, ordenación, gestión y educación ambiental
TEAM MIÑO:
Transfer of tools for implementing the Water Framework Directive in transitional and coastal waters of the NW of the Iberian Peninsula, in order to harmonize the management plans of Spain and Portugal to the international waters of the River Miño.
DeltaNet
NETWORK OF EUROPEAN DELTAS

www.deltanet-project.eu

INTERREGIONAL COOPERATION PROGRAMME (INTERREG IVC 2007-2013)
CAPACITY BUILDING ON WATER QUALITY MONITORING

Twinning project TR 09 IB EN 03
THANK YOU FOR YOUR ATTENTION

MIÑO RIVER MOUTH